

INT69 YF Diagnose Standard



Parameter table 20 A 700 P081

Parameters can be read with function code 3 (Read Holding Register) and written with function code 6 (Write single register).

INT69 YF Diagnose Standard

Parameter	Range	Default	Unit
Engine temperature			
Sensor type	Disabled, Pt100, Pt1000, PTC, Bimetal, External relay contact	PTC	
Designation	0...40 character	Designation	
Motor temperature trip point temperature	-100...300	140	°C
Warning temperature	-100...300	110	°C
Hysteresis	0...300	30	K
Trip delay	00:00.1...59:59.9	00:00.1	mm:ss.f
Reset delay	00:00:00...18:12:14, locked	locked	hh:mm:ss
Line correction	0.0...100.0	0.0	⊘
Designation external relay contact	0...40 character	Designation external relay contact	
Temperature 1			
Sensor type	Disabled, Pt100, Pt1000, PTC	Pt100	
Designation	0...40 character	Designation	
Trip point temperature	-100...300	150	°C
Warning point temperature	-100...300	130	°C
hysteresis	0...300	30	K
Trip delay	00:00.1...59:59.9	01:00.0	mm:ss.f
Reset delay	00:00:00...18:12:14, locked	00:00:00	hh:mm:ss
Line correction	0.0...100.0	0.0	⊘
Temperature 2			
Sensor type	Disabled, Pt100, Pt1000, PTC	Pt100	
Designation	0...40 character	Designation	
trip point temperature	-100...300	150	°C
warning temperature	-100...300	130	°C
hysteresis	0...300	30	K

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Parameter	Range	Default	Unit
Trip delay	00:00.1...59:59.9	01:00.0	mm:ss.f
Reset delay	00:00:00...18:12:14, locked	00:00:00	hh:mm:ss
Line correction	0.0...100.0	0.0	⊘

Leakage 1

Operating mode	Disabled, Exceed resistance, Resistance below	Resistance below	
Designation	0...40 character	Designation	
Trip point value	5...1500	60	k⊘
Warning value	5...1500	75	k⊘
hysteresis	1...999	10	k⊘
Trip delay	00:00.1...59:59.9	01:00.0	mm:ss.f
Reset delay	00:00:00...18:12:14, locked	00:00:00	hh:mm:ss

Switching input 1

Operating mode	Disabled, Normally closed, Normally open, Reset	Normally closed	
Designation	0...40 character	Designation	
Reset delay	00:00:00...18:12:14, locked	00:00:00	hh:mm:ss

Voltage monitoring

Operating mode	Disabled, Monitoring of 3 phases	Monitoring of 3 phases	
Attitude	Sinusoidal operation, FC operation	Sinusoidal operation	
Phase sequence operation mode	Disabled, Active	Active	
Missing phase operation mode	Disabled, Active	Active	
Phase failure reset point value	0...100	75	%
Phase failure reset delay	00:00:03...18:12:14, locked	00:00:10	hh:mm:ss
Voltage imbalance operation mode	Disabled, Active	Active	
Voltage imbalance trip point - alarm	1...100	15	%
Voltage imbalance trip point - warning	1...100	10	%
Phase asymmetry hysteresis	1...99	5	%
Phase asymmetry trip delay	00:00.1...59:59.9	00:00.3	mm:ss.f
Phase asymmetry reset delay	00:00:03...18:12:14, locked	00:00:10	hh:mm:ss

Undervoltage monitoring

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Parameter	Range	Default	Unit
Operating mode	Disabled, Limit 1 Warning, Limit 1 shutdown	Limit 1 Warning	
Undervoltage limit 1	60...690	207	V
Undervoltage limit 2	60...690	195	V
Undervoltage hysteresis	1...600	20	V
Undervoltage trip delay limit 1	00:00.1...59:59.9	00:03.0	mm:ss.f
Undervoltage trip delay limit 2	00:00.1...59:59.9	00:03.0	mm:ss.f
Undervoltage reset delay	00:00:03...18:12:14, locked	00:00:10	hh:mm:ss

Overvoltage monitoring

Operating mode	Disabled, Limit 1 Warning, Limit 1 shutdown	Limit 1 Warning	
Overvoltage limit 1	60...690	253	V
Overvoltage limit 2	60...690	265	V
Overvoltage hysteresis	1...600	20	V
Overvoltage trip delay limit 1	00:00.1...59:59.9	00:03.0	mm:ss.f
Overvoltage trip delay limit 2	00:00.1...59:59.9	00:03.0	mm:ss.f
Overvoltage reset delay	00:00:03...18:12:14, locked	00:00:10	hh:mm:ss

Switching frequency overstepping

Operating mode	Disabled, Warning, Alarm	Disabled	
Time window	00:00:01...12:00:00	00:00:30	hh:mm:ss
Switching per time window	2...10	3	
Reset delay	00:00:00...18:12:14, locked	locked	hh:mm:ss

Service interval

Status	Disabled, restart, Active	Disabled	
Service interval duration	100...26280	24000	h

Relay 1

Selection of alarms 1	Bit 00: Engine temperature	Engine temperature
	Bit 01: Temperature 1	Temperature 1
	Bit 02: Temperature 2	Temperature 2
	Bit 03: Leakage 1	Leakage 1
	Bit 04: Switching input	Switching input

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Parameter	Range	Default	Unit
	Bit 05: Phase sequence	Phase sequence	
	Bit 06: Phase failure	Phase failure	
	Bit 07: Asymmetry	Asymmetry	
	Bit 08: Undervoltage	Undervoltage	
	Bit 09: Overvoltage	Overvoltage	
	Bit 10: switching frequency	-	
Selection alarms 2	Bit 00: self-monitoring	self-monitoring	
Select warnings	Bit 00: Engine temperature	-	
	Bit 01: Temperature 1	-	
	Bit 02: Temperature 2	-	
	Bit 03: Leakage 1	-	
	Bit 04: Asymmetry	-	
	Bit 05: Undervoltage	-	
	Bit 06: Overvoltage	-	
	Bit 07: switching frequency	-	
	Bit 08: Relay bypass	-	
	Bit 09: Service interval	-	

KRIWAN Industrie-Elektronik GmbH

Allmand 11
74653 Forchtenberg
Germany

Phone (+49) 7940 822 0

info@kriwan.de
www.kriwan.com